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		<b>Application Number</b>	09/556,061		
		<b>Filing Date</b>	April 20, 2000		
		<b>First Named Inventor</b>	Richard R. Reisman		
		<b>Group Art Unit</b>	2182		
		<b>Examiner Name</b>	T. PEYTON		
<b>Sheet</b>	1	<b>of</b>	13	<b>Attorney Docket Number</b>	RRR-00-006US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JMP	1A	4528643	B1	Freemy, Jr.	07/09/1985	
	1B	4584641	B1	Guglicimino	04/22/1986	
	1C	4586134	B1	Norstedt	04/29/1986	
	1D	4635189	B1	Kendall	01/06/1987	
	1E	4646229	B1	Boyle	02/24/1987	
	1F	4674055	B1	Ogaki et al.	06/16/1987	
	1G	4734858	B1	Schlaflly	03/29/1988	
	1H	4760572	B1	Tomikawa	07/26/1988	
	1I	4796181	B1	Wiedemer	01/03/1989	
	1J	4799156	B1	Shavit et al.	01/17/1989	
	1K	4845658	B1	Gifford	07/04/1989	
	1L	4984155	B1	Geier et al.	01/08/1991	
	1M	5047928	B1	Wiedemer	09/10/1991	
	1N	5101402	B1	Chiu et al.	03/31/1992	
	1O	5142680	B1	Ottman et al.	08/25/1992	
	1P	5155484	B1	Chambers, IV	10/13/1992	
	1Q	5155591	B1	Wachob	10/13/1992	
	1R	5155680	B1	Wiedemer	10/13/1992	
	1S	5157783	B1	Anderson et al.	10/20/1992	
	1T	5165020	B1	Sudama et al.	11/17/1992	
	1U	5185697	B1	Jacobs et al.	02/09/1993	
	1V	5247683	B1	Holmes et al.	09/21/1993	
	1W	5263164	B1	Kannady et al.	11/16/1993	
	1X	5267171	B1	Suzuki et al.	11/30/1993	
	1Y	5289371	B1	Abel et al.	02/22/1994	
	1Z	5309355	B1	Lockwood	05/03/1994	
	2A	5319542	B1	King, Jr. et al.	06/07/1994	
	2B	5321750	B1	Nadan	06/14/1994	
	2C	5337360	B1	Fischer	08/09/1994	
	2D	5341478	B1	Travis, Jr. et al.	08/23/1994	
	2E	5367627	B1	Johnson	11/22/1994	
	2F	5367686	B1	Fisher et al.	11/22/1994	
	2G	5379424	B1	Morimoto et al.	01/03/1995	

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			Filing Date	April 20, 2000	
			First Named Inventor	Richard R. Reisman	
			Group Art Unit	2182	
			Examiner Name	T. PEYTON	
Sheet	2	of	13	Attorney Docket Number	RRR-00-006US

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		Number	Kind Code <sup>2</sup> (if known)			
JRP	2H	5386369	B1	Christiano	01/31/1995	
	2I	5388211	B1	Hornbuckle	02/07/1995	
	2J	5390247	B1	Fischer	02/14/1995	
	2K	5396546	B1	Remillard	03/07/1995	
	2L	5406557	B1	Baudoin	04/11/1995	
	2M	5415416	B1	Scagnelli et al.	05/16/1995	
	2N	5418713	B1	Allen	05/23/1995	
	2O	5421009	B1	Platt	05/30/1995	
	2P	5434999	B1	Goire et al.	07/18/1995	
	2Q	5442791	B1	Wrabetz et al.	08/15/1995	
	2R	5450589	B1	Maebayashi et al.	09/12/1995	
	2S	5459506	B1	Bushnell	10/17/1995	
	2T	5461667	B1	Remillard	10/24/1995	
	2U	5491800	B1	Goldsmith et al.	02/13/1996	
	2V	5495411	B1	Ananda	02/27/1996	
	2W	5496177	B1	Collia et al.	03/05/1996	
	2X	5499357	B1	Sonty et al.	03/12/1996	
	2Y	5504589	B1	Montague et al.	04/02/1996	
	2Z	5539735	B1	Moskowitz	07/23/1996	
	3A	5541991	B1	Benson et al.	07/30/1996	
	3B	5544320	B1	Konrad	08/06/1996	
	3C	5548645	B1	Ananda	08/20/1996	
	3D	5553223	B1	Greenlee et al.	09/03/1996	
	3E	5555416	B1	Owens et al.	09/10/1996	
	3F	5577251	B1	Hamilton et al.	11/19/1996	
	3G	5579537	B1	Takahisa	11/26/1996	
	3H	5586322	B1	Beck et al.	12/17/1996	
	3I	5602993	B1	Stromberg	02/11/1997	
	3J	5680617	B1	Gough et al.	10/21/1997	
	3K	5694549	B1	Carlin et al.	12/02/1997	
	3L	5724424	B1	Gifford	03/03/1998	Appendix A-D
	3M	5748960	B1	Fischer	05/05/1998	
	3N	5809076	B1	Hofmann	09/15/1998	

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Examiner Signature	<i>Jan Ray</i>	Date Considered	08/19/02
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 13

### Complete if Known

Application Number	09/556,061
Filing Date	April 20, 2000
First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-006US

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		Number	Kind Code <sup>2</sup> (if known)			
JMP	3W	5457795	B1	Willman	10/10/1995	
	3X	5483586	B1	Sussman	01/09/1996	
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	3Z	5572643	B1	Judson	11/05/1996	
	4A	5586304	B1	Stupek, Jr. et al.	12/17/1996	
	4B	5604542	B1	Dedrick	02/18/1997	
	4C	5606493	B1	Duscher et al.	02/25/1997	
	4D	5623605	B1	Keshav et al.	04/22/1997	
	4E	5630066	B1	Gosling	05/13/1997	
	4F	5630103	B1	Smith et al.	05/13/1997	
	4G	5638446	B1	Rubin	06/10/1997	
	4H	5654901	B1	Boman	08/05/1997	
	4I	5664207	B1	Crumpler et al.	09/02/1997	
	4J	5678002	B1	Fawcett et al.	10/14/1997	
	4K	5682533	B1	Siljestroemer	10/28/1997	
	4L	5694596	B1	Campbell	12/02/1997	
	4M	5701451	B1	Rogers et al.	12/23/1997	
	4N	5708709	B1	Rose	01/13/1998	
	4O	5710887	B1	Chelliah et al.	01/20/1998	
	4P	5717930	B1	Imai et al.	02/10/1998	
	4Q	5721824	B1	Taylor	02/24/1998	
	4R	5732275	B1	Kullick et al.	03/24/1998	
	4S	5742829	B1	Davis et al.	04/21/1998	
	4T	5761499	B1	Sonderegger	06/02/1998	
	4U	5764906	B1	Edelstein et al.	06/09/1998	
	4V	5764992	B1	Kullick et al.	06/09/1998	
	4W	5774670	B1	Montulli	06/30/1998	
	4X	5784562	B1	Diener	07/21/1998	
	4Y	5793980	B1	Glaser et al.	08/11/1998	
	4Z	5794210	B1	Goldhaber et al.	08/11/1998	
	5A	5809144	B1	Sirbu et al.	09/15/1998	
	5B	5809287	B1	Stupek, Jr. et al.	09/15/1998	
	5C	5826242	B1	Montulli	10/20/1998	

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<b>First Named Inventor</b>	Richard R. Reisman
Group Art Unit	2182
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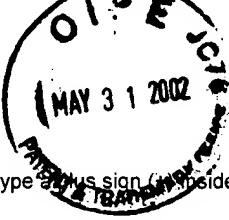
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		Office 3	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
no	5V	JP	360229138A	11-1985	Kikuchi et al.		NO APP	
↓	5W	JP	362053085A	3-1987	Nishida et al.		NO APP	
↓	5X	JP	403230234A	10-1991	Shinozaki			
↓	5Y	JP	404142620A	5-1992	Edamoto			
no	5Z	WO	94/25913	11-1994	Fitzgerald et al.			
↓	6A	WO	94/25923	11-1994	Fitzgerald et al.			
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↓	6C	GB	2291228 A	1-1996	Nishina et al.			
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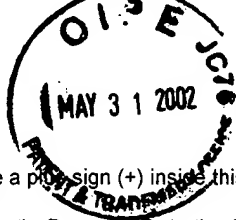
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no	6D	"About 1-Click ordering" at Amazon.com, 4 pages.		
↓	6E	"Article 16113 of alt.comp.acad-freedomtalk:", Chronicle of Higher Education, <a href="http://invitro.umassmed.edu/lml/aup/supporting_docs/privacy.txt">http://invitro.umassmed.edu/lml/aup/supporting_docs/privacy.txt</a> .		
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JMP	6H	"Establishing a Virtual Session for Web Applications," <a href="http://ats.byu.edu/FCSDocs/VSMTheory.html">http://ats.byu.edu/FCSDocs/VSMTheory.html</a> .		
	6I	"Extensibility and Mini Applications," Ch. 13, <a href="http://www.viola.org/book/chp13.html">http://www.viola.org/book/chp13.html</a> .		
	6J	"Java History," <a href="http://ils.unc.edu/blaze/java/javahist.html">http://ils.unc.edu/blaze/java/javahist.html</a> .		
	6K	"Java History," On-line Magazine, <a href="http://gates.comm.virginia.edu/mpl6s/emerging_tech/java_history.htm">http://gates.comm.virginia.edu/mpl6s/emerging_tech/java_history.htm</a> .		
	6L	"The Cookies Page", Electronic Privacy Information Center, <a href="http://www.epic.org/privacy/internet/cookies/">http://www.epic.org/privacy/internet/cookies/</a> .		
	7M	"The Viola Home Page," <a href="http://www.viola.org/">http://www.viola.org/</a> .		
	7N	"Viola in a Nutshell: Preface," <a href="http://www.viola.org/book/preface/html">http://www.viola.org/book/preface/html</a> .		
	7O	"Viola WWW Features List," <a href="http://www.viola.org/vwFeatures.html">http://www.viola.org/vwFeatures.html</a> .		
	7P	"Virtual Library Mirror Procedures," <a href="http://www.wdvl.com/WDVL/Website/Update/mirror_vlib.html">http://www.wdvl.com/WDVL/Website/Update/mirror_vlib.html</a> .		
	7Q	Breitenbach, Zach and Irlbeck, Susan, "Cookies," <a href="http://ecommerce.ncsu.edu/csc413/student_work/Cookies/Cookies.ppt">http://ecommerce.ncsu.edu/csc413/student_work/Cookies/Cookies.ppt</a> .		
	7R	Kiplinger's CA - Simply Money User Guide, pp. (7-31) - (7-37).		
	7S	Kirriemuir, J.P. and Knight, J. "Mirroring and caching network-based resources".		
	7T	Listing of various patents by Netcentives Inc., Open Market Inc., Amazon.com Inc., First Virtual Holdings inc., V-Cast, Inc., Citibank, and CyberGold, <a href="http://www.google.com/search?q=cache:YL833u-xdDUC:www.ryuka.com/ecpat.html+ryuka+%22commerce%22&amp;hl=en">http://www.google.com/search?q=cache:YL833u-xdDUC:www.ryuka.com/ecpat.html+ryuka+%22commerce%22&amp;hl=en</a> .		
	7U	Mayer-Schonberger, V., "The Internet and Privacy Legislation: Cookies for a Treat?," <a href="http://www.wvjolt.wvu.edu/wvjolt/current/issue1/articles/mayer/mayer.htm">http://www.wvjolt.wvu.edu/wvjolt/current/issue1/articles/mayer/mayer.htm</a> .		
	7V	Richmond, A. and Richmond, L., "suPerlative: Development and Public Servers" <a href="http://www.wdvl.com/Software/Perl/Mirror.html">http://www.wdvl.com/Software/Perl/Mirror.html</a> .		
	7V2	Weber, Thomas, "The Man Who Baked The First Web Cookies Chews Over Their Fate", Wall Street Journal, E-World.		
	7W	"Automated Replacement of System Software Units", IBM Technical Disclosure Bulletin, pp. 3137-3138, March 1971.		
	7X	Daniels, D. and Spector, A.Z., "An Algorithm for Replicated Directories," 2 <sup>nd</sup> PODC Conference Proceedings, ACM, Copyright 1983.		
	7Y	Fuchs, W.K., et al., "Low-Cost Comparison and Diagnosis of Large Remotely Located Files," Fifth Symposium on Reliability in Distributed Software and Database Systems, IEEE Computer Society, pp.67-73, January 1986.		
	7Z	"Method to Control Software-Update Applications", IBM Technical Disclosure Bulletin, pp. 5059-5060, April 1987.		
	8A	"CompuServe Information Service; Users Guide", pp. 119-127; 153-163; 235-243; Copyright 1988.		
	8B	Symborski, Carl W., "Updating Software And Configuration Data In A Distributed Communications Network", IEEE, Copyright 1988.		

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			<b>Group Art Unit</b>	2182	
			<b>Examiner Name</b>	T. PEYTON	
<b>Sheet</b>	8	of	13	<b>Attorney Docket Number</b>	RRR-00-006US

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JMP	8C	A. DeScon and R. Braden, Background File Transfer Program (BFTP), Network Working Group Request for Comments: 1068, Aug. 1988.			
	8D	Gopal, I. and Segall, A., "Directories for Networks with Casually Connected Users," Computer Networks and ISDN Systems 18, pp. 255-262, 1989-1990.			
	8E	Rothfeder, J., "Dow Jones Makes A Young Dog Do New Tricks", Business Weekly, pp. 89 & 92, January 16, 1989.			
	8F	Sarin, S. et al., "A Flexible Algorithm for Replicated Directory Management," IEEE 9 <sup>th</sup> International Conference on Distributed Computing System, pp. 456-464, June 1989.			
	8G	Shafer, Steven and Thompson, Mary, "The SUP Software Upgrade Protocol", Carnegie Mellon University School of Computer Science, September 7, 1989.			
	8H	Segal, Mark E. and Frieder, Ophir, "Dynamically Updating Distributed Software: Supporting Change in Uncertain and Mistrustful Environments", IEEE Proceedings Conference on Software Maintenance - 1989, October 16-19, 1989.			
	8I	Bowen, C. and Peyton, D., "Compuserve Information Manager, The Complete Sourcebook", Copyright 1990.			
	8J	T. Little & A. Ghafoor "Synchronization and Storage Models for Multimedia Objects" 1990 IEEE, Apr. 1990.			
	8K	Jia, X et al., "Highly Concurrent Directory Management in the GALAXY Distributed System," IEEE 10 <sup>th</sup> International Conference on Distributed Computing Systems, pp. 416-423, May/June 1990.			
	8L	Mori et al., "Superdistribution: The Concept and the Architecture," The Transactions of the IEICE, vol. E 73, No. 7, pp. 1133-1146, July 1990.			
	8M	Cheng, H.S. and Sheu, J.P., "Design and Implementation of a Distributed File System," Software - Practice and Experience, vol. 21(7), pp. 657-675, July 1991.			
	8N	Anderson, P., "Managing Program Binaries in a Heterogeneous UNIX Network," LISA V, San Diego, CA, Septemeber 30-October 3, 1991.			
	8O	Rich, K. and Leadley, S., "hobgoblin: A File and Directory Auditor," LISA V, San Diego, pp. 199-207, September 30-October 3, 1991.			
	8P	Satdeva, B. and Moriarty, P.M., "Fdlist: A Domain Based File Distribution System for a Heterogeneous Environment" LISA V, San Diego, CA, pp. 109-125, September 30-October 3, 1991.			
	8Q	Sellens, J., "Software Maintenance in a Campus Environment: The Xhier Approach," LISA V, San Diego, CA, pp. 21-28, September 30-October 3, 1991.			
	8R	Dyson, E., "Friendly Invoices", Forbes, Copyright 1992.			
	8S	Bits & Bytes, Business Week, p. 126 I, June 15, 1992.			
	8T	Google - Advanced Group Search Results; see: "User's Guide for Public Access to the Federal Bulletin Board," The Federal Bulletin Board, U.S. GPO, <a href="http://groups.google.com/groups?q=terry+carroll+%22government+printing+office%22&amp;hl=en&amp;as_drrb=b&amp;as_mind=12&amp;as_minm=5&amp;as_miny=1981&amp;as_maxd=12&amp;as_maxm=2&amp;as_maxy=1993&amp;selm=16ty0294245p01%40JUTS.ccc.amdahl.com&amp;rnum=2">http://groups.google.com/groups?q=terry+carroll+%22government+printing+office%22&amp;hl=en&amp;as_drrb=b&amp;as_mind=12&amp;as_minm=5&amp;as_miny=1981&amp;as_maxd=12&amp;as_maxm=2&amp;as_maxy=1993&amp;selm=16ty0294245p01%40JUTS.ccc.amdahl.com&amp;rnum=2</a> , September 1992.			
	8U	Fletcher, Mark, "doit: A Network Software Management Tool", USENIX Association, Proceedings of the Sixth Systems Administration Conference (LISA VI), Long Beach, CA, October 19-23, 1992.			
	8V	Symonds, W. C., "Getting Rid Of Paper Is Just The Beginning", Business Week, December 21, 1992.			
8W	"EDI Transaction Set Reference Card", TSI International, Copyright 1993.				
8X	"Experience Network Specifying Wizardry!", NetSource advertisement, 1993.				
8Y	"Quicken, Quicken Companion And More...", Intuit advertizement, Copyright 1993.				
8Z	"Smart Investors Watch the Market. StreetSmart Investors Get a Windows View," Charles Schwab StreetSmart investing software for Windows advertisement, Copyright 1993.				

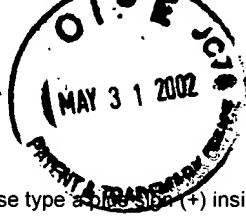
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JRS	9A	"The First Electronic Superstore Just Opened on Your PC," PECOS Catalink Direct pamphlet, Copyright 1993.	
	9B	IDD Information Services Tradeline Electronic Stock Guide subscription information and update coupon, 1993.	
	9C	Rozenblit, M., "O, A & M Capabilities for Switching Software Management," IEEE Global Telecommunications Conference, pp. 357-361, Copyright 1993.	
	9D	Google - Advanced Group Search Results; see: <a href="http://groups.google.com/groups?q=eudora+%22steven+dorner%22&amp;hl=en&amp;as_drrb=b&amp;as_mind=12&amp;as_minm=5&amp;as_miny=1981&amp;as_maxd=12">http://groups.google.com/groups?q=eudora+%22steven+dorner%22&amp;hl=en&amp;as_drrb=b&amp;as_mind=12&amp;as_minm=5&amp;as_miny=1981&amp;as_maxd=12</a>	
	9E	Article 10383 of comp.lang.perl., URL: <a href="http://www.metronet.com/perl/scripts/ftpstuff/ftp.html">www.metronet.com/perl/scripts/ftpstuff/ftp.html</a> , Apr. 6, 1993.	
	9F	"Hypertext Markup Language (HTML)," <a href="http://www.w3.org/MarkUp/draft-ietf-iiir-html-01">http://www.w3.org/MarkUp/draft-ietf-iiir-html-01</a> , June 1993.	
	9G	Article 3893 of comp.lang.perl: Xref: feenix.metronet.com comp.lang.perl:3893, URL: <a href="http://www.metronet.com/perlinfo/scripts/ftpstuff/ftpget">www.metronet.com/perlinfo/scripts/ftpstuff/ftpget</a> , 30 June 1993.	
	9H	Bits & Bytes, Business Week, p. 140 D, July 12, 1993.	
	9I	Article 5397 of comp.lang.perl: Xref: feenix.metronet.com comp.infosystems.www:1336 comp.lang.perl:5397, URL: <a href="http://ftp.telecom.sk/pub/mirror/CPAN/scripts/i...WWW/http.get.pl">ftp.telecom.sk/pub/mirror/CPAN/scripts/i...WWW/http.get.pl</a> , Aug. 25, 1993.	
	9J	Howard, J.H., "Using Reconciliation to Share Files Between Occasionally Connected Computers," IEEE Fourth Workshop on Workstation Operating Systems, pp. 56-60, October 1993.	
	9K	Kramer, Matt, "Off-line readers keep users afloat in sea of E-mail", PC Week Special Report, pp. 94, 96, 99, October 4, 1993.	
	9L	Wong, W.C., "Local Disk Depot - Customizing the Software Environment," 1993 LISA, Monterey, CA, pp. 51-55, November 1-5, 1993.	
	9M	"10-Fill-out Forms and Input fields," <a href="http://www.w3.org/MarkUp/HTMLPlus/htmlplus_41.html">http://www.w3.org/MarkUp/HTMLPlus/htmlplus_41.html</a> , November 8, 1993.	
	9N	"1-HTML+Discussion Document," Parts 1.1-1.4, <a href="http://www.w3.org/MarkUp/HTMLPlus/htmlplus_(2-6).html">http://www.w3.org/MarkUp/HTMLPlus/htmlplus_(2-6).html</a> , November 8, 1993.	
	9O	Letter to Dick Reisman from DRI/McGraw-Hill including literature explaining company and its data service, November 18, 1993.	
	9P	Mirror(1L) Misc. Reference Manual Pages Mirror(1L)Name mirror--mirror packages on remote sites, URL: <a href="http://nic.funet.fi/FUNET/hamster/mirror.txt">nic.funet.fi/FUNET/hamster/mirror.txt</a> , Dec. 2, 1993.	
	9Q	"The PECOS User Guide," Catalink Direct PECOS Personal Electronic Catalog and Ordering system, December 7, 1993.	
	9R	"Trading Partner PC: Affordable, high-performance EDI software for Windows", TSI International Software Ltd., Copyright 1994.	
	9S	Banks, M., "Welcome to . . . Compuserve for Windows", Copyright 1994.	
	9T	Branwyn, "Mosaic Quick Tour for MAC", Ventana Press, Inc., Chapel Hill, NC, Copyright 1994.	
9U	Branwyn, "Mosaic Quick Tour for Windows", Ventana Press, Inc., Chapel Hill, NC, Copyright 1994.		
9V	Davis, S., "Compuserve Information Manager for Windows: Complete Handbook and Membership Kit", Copyright 1994.		
9W	Lichty, T., American Online's Internet: Easy Graphical Access-The AOL Way Windows Edition, pp. 123-163, Copyright 1994.		
9X	Lichty, T., The Official American Online for Macintosh Tour Guide, 2 <sup>nd</sup> Ed., Version 2.5, pp. 135-178, Copyright 1994.		
9Y	Lee McLoughlin, <a href="http://usr/bin/perl--Mirror Master--Run Several Mirrors in Parallel">usr/bin/perl--Mirror Master--Run Several Mirrors in Parallel</a> , URL: <a href="http://strucbio.biologie.uni-konstanz.de/pdb/mirror/mm">strucbio.biologie.uni-konstanz.de/pdb/mirror/mm</a> , Jan. 18, 1994.		

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JRP	9Z	"Financing the New Media", 1994 Intermedia Conference Proceedings on CD-ROM, San Jose, CA, March 1-3, 1994.	
	10A	"Industry Announcements", 1994 Intermedia Conference Proceedings on CD-ROM, San Jose, CA, March 1-3, 1994.	
	10B	Jack Lund, local/bin/perlbin/perl--urlget--Get a Document Given a WWW URL, URL:www.chemie.uni-dortmund.de/about.loki/exp/urlget, Mar. 23, 1994.	
	10C	Smalley, "Hermes Nears Finish Line; Bloodhound will be Part of Summer Debut", PC Week, vol. 11, No. 17, May 16, 1994	
	10D	Google - Advanced Group Search Results; see:"Depository Use of the Federal Bulletin Board," http://groups.google.com/groups?q=government+printing+office+credit+bbs&hl=en&as_drrb=b&as_mind=5&as_minm=5&as_miny=1981&as_maxd=20&as_maxm=5&as_maxy=1994&selm=19	
	10E	Boly, Jean-Paul, et al., "The ESPIRIT Project CAFÉ - High Security Digital Payment Systems", Securicom '94, Paris, June 1994.	
	10F	Powell Crowe, E., "Log Me On, Log Me Off", Computeruser.com, http://www.computeruser.com/magazine/national/1204/nets1204.html, July 5, 1994.	
	10G	"A Brief Overview of the Viola Engine, and its Applications," http://www.viola.org/violaIntro.html, August 16, 1994.	
	10H	Darrow, et al., "Microsoft Debuts Low-Cost NT 3.5", Computer Reseller News, (596):1-2, September 19, 1994.	
	10I	Anderson, P., "Towards a High-Level Machine Configuration System", 8th USENIX System Administration Conference, San Diego, California, September 19-23, 1994.	
	10J	Eirich, Thomas, "Beam: A Tool for Flexible Software Update", 1994 LISA, San Diego, CA, September 19-23, 1994.	
	10K	Harlander, Magnus, "Central System Administration in a Heterogeneous Unix Environment: GeNUAdmin", 1994 LISA, San Diego, CA, September 19-23, 1994.	
	10L	Hideyo Imazu, "OMNICONF - Making OS Upgrades and Disk Crash Recovery Easier", 1994 LISA, San Diego, CA, September 19-23, 1994.	
	10M	Moore, "SMS Debut Draws Crowds, Queries; Corporate Role Remains Uncertain", Computerworld, vol. 28, No. 38, p.14, September 19, 1994	
	10N	Rouillard, J. and Martin, R., "Config: A Mechanism for Installing and Tracking System Configurations", 1994 LISA, San Diego, CA September 19-23, 1994.	
	10O	Pei Wei, O'Reilly & Associates, "Extensibility in WWW Browsers", Stanford Computer Forum WWW Workshop, 3 pages, September 20-21, 1994	
	10P	Pei Wei, O'Reilly & Associates, "WWW Browsers: Extensibility Issues", Stanford Computer Forum WWW Workshop, 1 page, September 20-21, 1994	
	10Q	"Offline New and Mail (My Choice)," http://cpcug.org/user/mtk/offline.zip, October 18, 1994.	
	10R	"Mercury Operator's Log," October 26 http://www.usc.edu/dept/raiders/logs/alpha-log-941202-941224.html, December 1, 1994.	
	10S	Levy, S., "E-Money (That's What I Want)", http://www.wired.com/wired/archive/2.12/emoney_pr.html, December 1994	
10T	Palme, Jacob, "Issues and Concepts in Senior Online", Senior Online, Telematics DE4002, Report D6.1.1, December 1994.		

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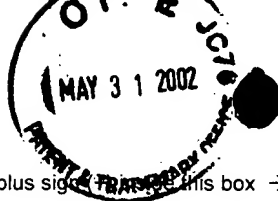
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JRP	10U	"Enable Persistent Cookies," <a href="http://orange.kame.net/dev/cvswb.cgi/kame/freebsd3/ports/lynx/Makefile.diff?r1=1.4&amp;r2=1">http://orange.kame.net/dev/cvswb.cgi/kame/freebsd3/ports/lynx/Makefile.diff?r1=1.4&amp;r2=1</a> , December 15, 1994.
	10V	Murphy, Sean, "The state of WWW biz", Electronic Engineering Times, p. 80, December 19 1994.
	10W	"Compuserve Information Manager for Windows - User's Guide," Copyright 1995.
	10X	"Session Tracking", The Java Tutorial, <a href="http://java.sun.com/docs/books/tutorial/servlets/client-state/session-tracking.html">http://java.sun.com/docs/books/tutorial/servlets/client-state/session-tracking.html</a> , Copyright 1995-2001.
	10Y	Grosse, Eric, "Repository Mirroring", ACM Transactions on Mathematical Software, Vol. 21, No.1, pp. 89-97, March 1995.
	10Z	"ecash-info: How the Web Was Won," <a href="http://www.open4success.com/O1news/rballard/001.html">http://www.open4success.com/O1news/rballard/001.html</a> , May 3, 1995.
	11A	Wingfield, "Netscape Inks Pact with Sun, Macromedia", InfoWorld, vol. 17, No. 22, p.16, May 29, 1995
	11B	Schroeder, Erica and Knowles, Anne, "Windows 95 rushes the Net", PC Week, vol. 12, no. 34, August 28, 1995.
	11C	Osel, P. and Gansheimer W., "OpenDist - Incremental Software Distribution", 1995 LISA IX, Monterey, CA September 17-22, 1995.
	11D	"HTML 2.0 Materials," <a href="http://www.w3.org/MarkUp/html-spec">http://www.w3.org/MarkUp/html-spec</a> , November 1995.
	11E	"Cookie and Privacy FAQ", <a href="http://www.cookiecentral.com/content.phtml?area=4&amp;id=10">http://www.cookiecentral.com/content.phtml?area=4&amp;id=10</a> , Copyright 1996-2002.
	11F	"History of Sun and the Web," <a href="http://www.sun.co.jp:8080/sun-on-net/history.html">http://www.sun.co.jp:8080/sun-on-net/history.html</a> , Copyright 1996.
	11G	"The Evolution of Cyberspace 10.1," <a href="http://www.javasoft.com/doc/language_environment/HotJava.doc.1.html">http://www.javasoft.com/doc/language_environment/HotJava.doc.1.html</a> , Copyright 1996.
	11H	Froomkin, A. M., "Flood Control on the Information Ocean: Living With Anonymity, Digital Cash, and Distributed Databases", <a href="http://www.law.miami.edu/~froomkin/articles/ocean1.htm">http://www.law.miami.edu/~froomkin/articles/ocean1.htm</a> , 15 U. Pittsburgh Journal of Law and Commerce 395, 1996.
	11I	Khare, Rohit, "Session-ID", w3.org, <a href="http://lists.w3.org/Archives/Public/www-logging/msg00066.html">http://lists.w3.org/Archives/Public/www-logging/msg00066.html</a> , February 16, 1996.
	11J	"Anonymous Delivery of Goods in Electronic Commerce", IBM Technical Disclosure Bulletin, pp. 363-366, March 1996.
	11K	"CGI Programming On The World Wide Web," 1st Ed., <a href="http://www.oreilly.com/openbook/cgi/ch08_03.html">http://www.oreilly.com/openbook/cgi/ch08_03.html</a> , Shishir Gundavaram, March 1996.
	11L	"How Cookies Work (client-side persistent information)," <a href="http://www.newnet.co.uk/help/netcape/cookies.html">http://www.newnet.co.uk/help/netcape/cookies.html</a> , May 13, 1996.
11M	Williams, Sara, "Internet Component Download", Microsoft Interactive Developer, pp. 49-52, Summer 1996	
11N	"CGI Scripts and Cookies", The Perl Journal, Issue 3, <a href="http://www.samag.com/documents/s=1282/sam01030003/">http://www.samag.com/documents/s=1282/sam01030003/</a> , Fall 1996.	
11O	Bailey, Craig C., "Persistent Cookies", Modem Operandi FAQ, <a href="http://www.vermontguides.com/modem/faqteg14.htm">http://www.vermontguides.com/modem/faqteg14.htm</a> , December 1996.	
11P	Glave, J., "PGP Lets You Take Charge of Your Cookies", <a href="http://www.wired.com/news/print0%2C1294%2C928%2C00.html">http://www.wired.com/news/print0%2C1294%2C928%2C00.html</a> , December 10, 1996.	
11Q	"Browser Cookies are Persistent, Not Necessarily Evil", <a href="http://www.wired.com/news/topstories/0,1287,887,00.html">http://www.wired.com/news/topstories/0,1287,887,00.html</a> , December 11, 1996.	
11R	"The Unofficial Cookie FAQ - Version 2.54," <a href="http://www.cookiecentral.com/faq/">http://www.cookiecentral.com/faq/</a> , Copyright 1997-2001.	

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				<b>Application Number</b>	09/556,061
				<b>Filing Date</b>	April 20, 2000
				<b>First Named Inventor</b>	Richard R. Reisman
				<b>Group Art Unit</b>	2182
				<b>Examiner Name</b>	T. PEYTON
<b>Sheet</b>	12	<b>of</b>	13	<b>Attorney Docket Number</b>	RRR-00-006US

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JRP	11S	http://www.cookiecentral.com/dsm.htm, "The Dark Side of Cookies", Copyright 1997-1998.	RECEIVED JUN 05 2002 Technology Center 2100	
	11T	"HTTP State Management Mechanism", http://www.ietf.org/rfc/rfc2109.txt, February 1997.		
	11U	"Browser Users to Watch Cookies," CNETNews.com, http://news.com.com/2100-1001-277942.html?legacy=cnet, March 13, 1997.		
	11V	Bruner, Rick E., "Cookie Proposal Could Hinder Online Advertising", Adage, http://www.adage.com/news.cms?newsId=359, March 31, 1997.		
	11W	"Chocolate Chip Cookies + Automating New!", http://tech.irt.org/articles/js016/index.htm, April 21, 1997.		
	11X	"Catalink Direct, Inc.," Info Magazine, http://www.cors.com/clients/profiles/catalink.htm, Spring Ed., 1998.		
	11Y	Flavin, et al., "Management of distributed applications in large networks," 1988 IEEE publication, pp. 232-241, Copyright 1998.		
	11Z	"Classic HTTP Documents," http://www.w3.org/Protocols/Classic.html, May 14, 1998.		
	12A	"Persistent Client State HTTP Cookies", http://home.netscape.com/newsref/std/cookie_spec.html, Copyright 1999.		
	12B	"Session Tracking", Servlet Tutorial, http://www.apl.jhu/~hall/java/Servlet-Tutorial-Session-Tracking.html, Copyright 1999.		
	12C	Greenspun, Philip, "Philip & Alex's Guide to Web Publishing," Morgan Kaufmann Publishers Inc., pp. 240-252, 260-265, 470-476, 518-521, Copyright 1999.		
	12D	http://www.automation.rockwell.com/copyright/cookies.html, "Cookies", Copyright 1999.		
	12E	Wilson, Tim, "Web Site Mining Gets Granular", InternetWeek, n 758, 1999.		
	12F	Wagner, Mitch, "Ad Agency DoubleClick Heads Off Downtime With Redundant Systems", Internet Week, 21, September 13, 1999.		
	12G	McDermott, Irene E., "Come Out, Come Out, Wherever You Are: Directories on the Web", Searcher, June 2000.		
	12H	"In the beginning there was NCSA Mosaic...", http://archive.ncsa.uiuc.edu/General/CommGroup/MosaicHistory/history.html, March 27, 2001.		
	12I	"Cookie," http://www.webopedia.com/TERM/c/cookie.html, January 4, 2002.		
	12J	Catalink Direct, PECOS Personal Electronic Catalog and Ordering System diskette		
12K	Overview of New Electronic Marketing & Communications Channel From Pipeline, letter from Pat Dane of Pipeline Communications to Harland Levinson and Dick Reisman of Unet (April 13, 1994 (Fax header states April 14, 1995))			
12L	Demo disk that accompanied item # 12K			
12M	DowVision Broadcast Specification, Dow Jones & Company, Inc., Copyright 1989-92			
12N	CRA - Philippe Rabergeau, "Client Remote Access Specifications - Preliminary," pp. 1-8, March 24, 1994			

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